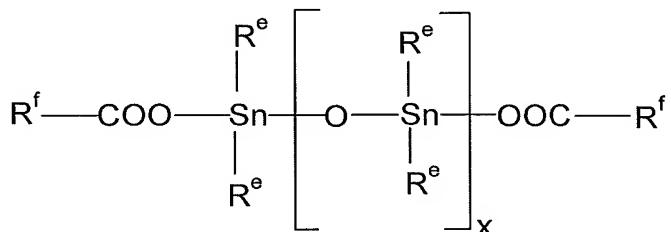


## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) Single-component polyorganosiloxane (POS) composition which is stable on storage in the absence of moisture and which crosslinks in the presence of water to give an elastomer, which composition comprises comprising at least one crosslinkable linear alkoxy polyorganopolysiloxane POS (POS), an inorganic filler and a crosslinking catalyst C of formula (C):



(C)

in which:

- $R^e$ , which are identical or different, represent a linear or branched C<sub>1</sub>-C<sub>8</sub> alkyl radical,
- x is 0 or 1,
- when x is 1,  $R^f$ , which are identical or different, represent a saturated or unsaturated and linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical optionally comprising one or more oxygen atoms and optionally comprising one or more ester or ether functional groups;
- when x is 0,  $R^f$ , which are identical or different, represent a saturated or unsaturated and linear or branched C<sub>1</sub>-C<sub>20</sub> heteroalkyl radical comprising one or more O and optionally comprising one or more ester or ether functional groups,

the catalyst being present in an amount corresponding to from 0.05 to 0.35 mmol of tin per 100 g of composition,

wherein said composition is stable on storage in the absence of moisture and crosslinks in the presence of water to form an elastomer.

2. (Currently Amended) Composition The composition according to Claim 1, in which the amount of catalyst corresponds to from 0.15 to 0.32 mmol of tin per 100 g of composition.

3. (Currently Amended) Composition The composition according to Claim 1, comprising a catalyst of formula  $[Bu_2Sn(OOC-C_{11}H_{23})]_2O$ .

4. (Currently Amended) Composition The composition according to Claim 1, comprising a catalyst of formula  $Bu_2Sn[OOCCH_2(OCH_2CH_2)_3OCH_3]_2$ .

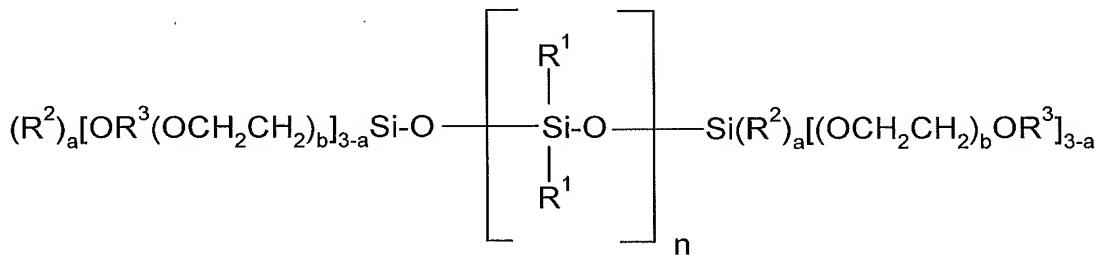
5. (Currently Amended) Composition The composition according to Claim 1, comprising a catalyst of formula  $Bu_2Sn(OOCCH=CHCOOR)_2$ , R being an optionally branched C<sub>2</sub>-C<sub>8</sub> alkyl radical.

6. (Currently Amended) Composition The composition according to Claim 5, comprising a mixture of at least two compounds of formula  $Bu_2Sn(OOCCH=CHCOOR)_2$  comprising radicals R having different numbers of carbon atoms.

7. (Currently Amended) Composition The composition according to Claim 1, comprising a wherein the compound of formula (C) [[as]] is the sole crosslinking catalyst.

8. (Currently Amended) Composition The composition according to Claim 1, in which the crosslinking is catalysed by a mixture of at least two compounds of formula (C).

9. (Currently Amended) Composition The composition according to Claim 1, comprising: wherein said **[[A]]** at least one crosslinkable linear polyorganopolysiloxane **[[A]]** **[[of]]** has the formula :



in which :

- the substituents  $R^1$ , which are identical or different, each represent a saturated or unsaturated, substituted or unsubstituted, aliphatic, cyclanic or aromatic,  $C_1$  to  $C_{13}$  monovalent hydrocarbon radical ;
- the substituents  $R^2$ , which are identical or different, each represent a saturated or unsaturated, substituted or unsubstituted, aliphatic, cyclanic or aromatic,  $C_1$  to  $C_{13}$  monovalent hydrocarbon radical ;
- the substituents  $R^3$ , which are identical or different, each represent a linear or branched  $C_1$  to  $C_8$  alkyl radical or a  $C_3$  to  $C_8$  cycloalkyl ;
- $n$  has a value sufficient to confer, on the POS **A**, a dynamic viscosity at  $25^\circ C$  ranging from 1000 to 1 000 000  $mPa \cdot s$  ;
- $a$  is zero or 1 ;
- $b$  is zero or 1 ;

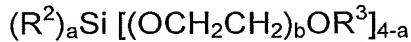
said composition further comprising:

**-B-** optionally at least one polyorganosiloxane resin **B** functionalized by at least one alkoxy radical  $(OCH_2CH_2)_bOR^3$ , with  $b$  and  $R^3$  corresponding to the definition given above, and exhibiting, in its structure, at least two different siloxyl units chosen from those of formulae  $(R^1)_3SiO_{1/2}$  (unit M),  $(R^1)_2SiO_{2/2}$  (unit D),  $R^1SiO_{3/2}$  (unit T) and  $SiO_2$  (unit Q), at least one of these units being a T or Q unit, the radicals  $R^1$ , which are identical or different, having the meanings given above with respect to the formula **(A)**, the said resin having a content by weight of

$(\text{OCH}_2\text{CH}_2)_b\text{OR}^3$  radicals ranging from 0.1 to 10%, it being understood that a portion of the radicals  $\text{R}^1$  are  $(\text{OCH}_2\text{CH}_2)_b\text{OR}^3$  radicals ;

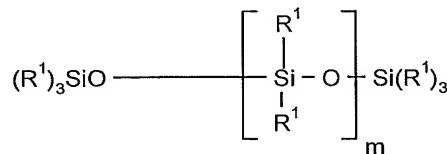
~~[-C-] the crosslinking catalyst according to the invention ;~~

~~-D- optionally at least one crosslinking agent **D** of formula :~~



~~with  $\text{R}^2$ ,  $\text{R}^3$ ,  $a$  and  $b$  as defined above,~~

~~-E- optionally at least one unreactive and nonfunctionalized linear polydiorganosiloxane **E** of formula :~~



in which :

- the substituents  $\text{R}^1$ , which are identical or different, have the same meanings as those given above for the polyorganosiloxane **A** ;
- $m$  has a value sufficient to confer, on the polymer of formula **(E)**, a dynamic viscosity at 25°C ranging from 10 to 200 000 mPa·s ;
- ~~-F- an inorganic filler **F**, in particular a reinforcing and/or bulking filler, preferably based on silica ;~~
- ~~-H- an adhesion promoter.~~

10. (Currently Amended) ~~Composition~~ **The composition** according to claim 9, in which the adhesion promoter is an organosilicon compound having one or more hydrolysable groups bonded to a silicon atom.

11. (Currently Amended) ~~Composition~~ **The composition** according to claim 10, in which the adhesion promoter further has comprises one or more organic groups comprising radicals chosen selected from the group consisting of the aminated, ~~[(or)]~~ diaminated~~[(or)]~~, (meth)acrylate, epoxy, alkenyl and/or and alkyl radicals.

12. (Currently Amended) ~~Composition~~ **The composition** according to claim 10, in which the adhesion promoter is a silane.

13. (Currently Amended) Composition The composition according to claim 12, in which the adhesion promoter is chosen among the following silanes or a mixture of at least two of them selected from the group consisting of :

- 3-aminopropyltriethoxysilane,
- (beta-aminoethyl)(gamma-aminopropyl)trimethoxysilane,
- (beta-aminoethyl)(gamma-aminopropyl)methyldimethoxysilane,
- 3-aminopropyltrimethoxysilane,
- vinyltrimethoxysilane,
- 3-glycidyloxypropyltrimethoxysilane,
- 3-methacryloxypropyltrimethoxysilane,
- propyltrimethoxysilane,
- methyltrimethoxysilane,
- ethyltrimethoxysilane,
- vinyltriethoxysilane,
- 3-aminopropylmethyldimethoxysilane,
- 3-aminopropylmethyldiethoxysilane,
- methyltriethoxysilane,
- propyltriethoxysilane,
- tetraethoxysilane,
- tetrapropoxysilane,
- tetraisopropoxysilane,

mixtures thereof

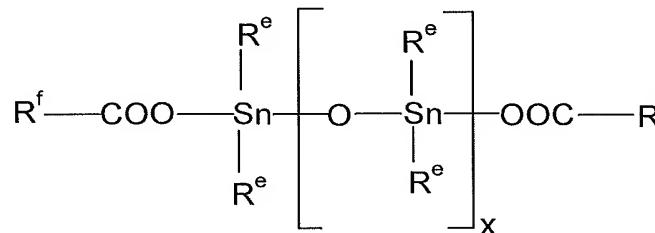
- [[or]] and polyorganosiloxane oligomers comprising such organic groups at a content of greater than 20%.

14. (Currently Amended) Composition The composition according to claim 9, in which the adhesion promoter is a silicate.

15. (Currently Amended) Composition The composition according to claim 14, in which the adhesion promoter is an optionally polycondensed ethyl, propyl or isopropyl silicate.

16. (Currently Amended) Elastomer capable of adhering to various substrates and obtained by crosslinking and curing the composition according to claim 1, containing an adhesion promoter.

17. (Currently Amended) A method for crosslinking by polycondensation an alkoxy single-component silicone elastomer composition not comprising another polycondensation catalyst, said method comprising conducting said polycondensation in the presence of at least one tin compound **C** of formula (C):



(C)

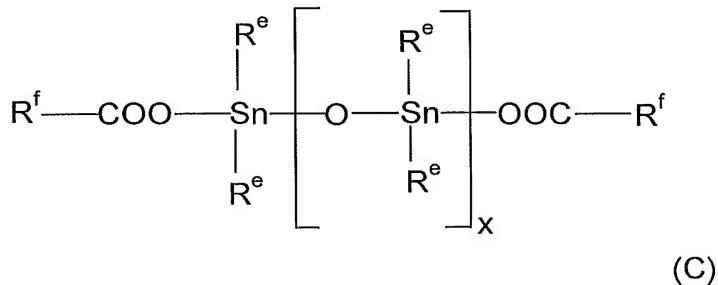
as the catalyst, in which :

- $\text{R}^e$ , which are identical or different, represent a linear or branched  $\text{C}_1\text{-}\text{C}_{20}$  alkyl radical,
- $x$  is 0 or 1,
- when  $x$  is 1,  $\text{R}^f$ , which are identical or different, represent a saturated or unsaturated and linear or branched  $\text{C}_1\text{-}\text{C}_{20}$  alkyl radical ~~optionally comprising one or more oxygen atoms and optionally comprising or~~ one or more ester or ether functional groups,
- when  $x$  is 0,  $\text{R}^f$ , which are identical or different, represent a saturated or unsaturated and linear or branched  $\text{C}_1\text{-}\text{C}_{20}$  heteroalkyl radical comprising one or more O and optionally comprising one or more ester or ether functional groups,

the catalyst being used in an amount corresponding to from 0.05 to 0.35 mmol of tin per 100 g of the composition.

18. (New) The composition of claim 9, wherein said inorganic filler is a reinforcing filler or a bulking filler.

19. (New) Single-component polyorganosiloxane (POS) composition comprising at least one crosslinkable linear alkoxy polyorganopolysiloxane (POS), an inorganic filler and a crosslinking catalyst **C** of formula (C):



in which:

- $R^e$ , which are identical or different, represent a linear or branched C<sub>1</sub>-C<sub>8</sub> alkyl radical,
- x is 1, and
- $R^f$ , which are identical or different, represent a saturated or unsaturated and linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical optionally comprising one or more oxygen atoms and optionally comprising one or more ester or ether functional groups,

the catalyst being present in an amount corresponding to from 0.05 to 0.35 mmol of tin per 100 g of composition,

wherein said composition is stable on storage in the absence of moisture and crosslinks in the presence of water to form an elastomer.

20. (New) The composition of claim 19, wherein R<sup>f</sup>, which are identical or different, represent a saturated or unsaturated and linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical comprising one or more oxygen atoms,

21. (New) The composition of claim 19, wherein R<sup>f</sup>, which are identical or different, represent a saturated or unsaturated and linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl radical comprising one or more ester or ether functional groups,